

1. A switch, comprising:

a housing having a hollow interior;

a first contact spaced from a second contact, said first
and second contacts being located within said hollow interior of said
5 housing;

a closure mounted to said housing, said closure including
a pivot arm having first and second nodes located between said first
and second contacts, said pivot arm being movable in response to the
application of an inertial force in a first direction wherein said first
10 node engages said first contact or in a second direction wherein said
second node engages said second contact.

2. The switch of claim 1 in which said first contact is
connected to said second contact by an electrically conductive plate.

3. The switch of claim 1 in which one of said first and
second contacts is adapted to be electrically connected to the terminal
of a battery.

4. The switch of claim 1 in which said closure includes a
cover plate, a pair of spaced side plates connected to said cover plate
and a rod extending between said side plates.

5. The switch of claim 4 in which said pivot arm is pivotally mounted to said rod.

6. The switch of claim 5 further including a spring connected between said pivot arm and one of said side plates, said spring being effective to orient said pivot arm in a neutral position within said housing wherein said first and second nodes of said pivot
5 arm do not engage either of said first and second contacts.

7. The switch of claim 1 in which one of said first and second nodes of said pivot arm is in continuous engagement with a respective one of said first and second contacts except upon the application of motion or an inertial force thereto.

8. A switch, comprising:

a housing having a hollow interior;

a first contact spaced from a second contact, said first
and second contacts being located within said hollow interior of said

5 housing;

a closure mounted to said housing, said closure
including:

(i) a cover plate;

(ii) a pair of spaced side plates connected to
10 said cover plate;

(iii) a rod extending between said side plates;

(iv) a pivot arm having spaced first and second
nodes which are located between said first and second
contacts, said pivot arm being pivotally mounted to said
15 rod;

said pivot arm being movable in response to the
application of motion or an inertial force in a first direction wherein
said first node engages said first contact or in a second direction
wherein said second node engages said second contact.

9. The switch of claim 8 in which said first contact is
connected to said second contact by an electrically conductive plate.

10. The switch of claim 8 in which one of said first and second contacts is adapted to be electrically connected to the terminal of a battery.

11. The switch of claim 8 further including a spring connected between said pivot arm and one of said side plates, said spring being effective to orient said pivot arm in a neutral position within said housing wherein said first and second nodes of said pivot
5 arm do not engage either of said first and second contacts.

12. The switch of claim 8 in which one of said first and second nodes of said pivot arm is in continuous engagement with a respective one of said first and second contact except upon the application of motion or an inertial force thereto.

13. An article of footwear, comprising:

an outsole connected to an upper;

an electrical circuit including a source of power, at least one light source and a switch, said electrical circuit being mounted to

5 at least one of said outsole and said upper;

said switch being effective to trigger operation of said electrical circuit in response to the application of motion or an inertial force thereto to cause said at least one light source to illuminate, said switch including:

10 (i) a housing having a hollow interior;

(ii) a first contact spaced from a second contact, said first and second contacts being located within said hollow interior of said housing;

(iii) a closure mounted to said housing, said
15 closure including a pivot arm having first and second nodes located between said first and second contacts, said pivot arm being moveable in response to the application of said inertial force in a first direction wherein said first node engages said first contact or in a
20 second direction wherein said second node engages said second contact.

14. The article of footwear of claim 13 in which said first contact is connected to said second contact by an electrically conductive plate.

15. The article of footwear of claim 13 in which one of said first and second contacts is adapted to be electrically connected to the terminal of a battery.

16. The article of footwear of claim 13 in which said closure includes a cover plate, a pair of spaced side plates connected to said cover plate and a rod extending between said side plates.

17. The article of footwear of claim 16 in which said pivot arm is pivotally mounted to said rod.

18. The article of footwear of claim 17 further including a spring connected between said pivot arm and one of said side plates, said spring being effective to orient said pivot arm in a neutral position within said housing wherein said first and second nodes of
5 said pivot arm do not engage either of said first and second contacts.

19. The article of footwear of claim 13 in which one of said first and second nodes of said pivot arm is in continuous engagement

with a respective one of said first and second contact except upon the application of motion or an inertial force thereto.

20. A light module for use in an article of footwear,
comprising:

a casing which mounts an electrical circuit including a
source of power and a switch which are adapted to connect to at least

5 one light source;

said switch being effective to trigger operation of said
electrical circuit in response to the application of motion or an inertial
force thereto to cause said at least one light source to illuminate, said
switch including:

10 (i) a housing having a hollow interior;

(ii) a first contact spaced from a second contact,
said first and second contacts being located within said
hollow interior of said housing;

(iii) a closure mounted to said housing, said
15 closure including a pivot arm having first and second
nodes located between said first and second contacts,
said pivot arm being moveable in response to the
application of said inertial force in a first direction
wherein said first node engages said first contact or in a
20 second direction wherein said second node engages said
second contact.

21. The light module of claim 20 in which said pivot arm of said switch device is electrically connected to said source of power.

22. The light module of claim 20 in which said first contact is connected to said second contact by an electrically conductive plate.

23. The light module of claim 20 in which said closure includes a cover plate, a pair of spaced side plates connected to said cover plate and a rod extending between said side plates.

24. The light module of claim 23 in which said pivot arm is pivotally mounted to said rod.

25. The light module of claim 24 further including a spring connected between said pivot arm and one of said side plates, said spring being effective to orient said pivot arm in a neutral position within said housing wherein said first and second nodes of said pivot
5 arm do not engage either of said first and second contacts.

26. The light module of claim 20 in which one of said first and second nodes of said pivot arm is in continuous engagement with a respective one of said first and second contact except upon the application of motion or an inertial force.